

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200208780-1

Inventor(s): Trudy Benjamin et al

Confirmation No.: 2669

Application No.: 10/827163

Examiner: Manish Shah

Filing Date: Apr 19, 2004

Group Art Unit: 2853

Title: Fluid Ejection Device With Address Generator

Mail Stop
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Transmitted herewith is/are the following in the above-identified application:

- ☐ Response/Amendment
☐ New fee as calculated below
☐ No additional fee
☒ Other Certificate of Correction Fee\$
- ☐ Petition to extend time to respond
☐ Supplemental Declaration

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$50	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$210	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$370	\$ 0
EXTENSION FEE	<input type="checkbox"/> 1st Month \$120	<input type="checkbox"/> 2nd Month \$460	<input type="checkbox"/> 3rd Month \$1050	<input type="checkbox"/> 4th Month \$1640		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Trudy Benjamin et al

By:


Timothy F. Myers

Attorney/Agent for Applicant(s)

Reg No. : 42,919

Date : 8/25/08

Telephone : 541 715 4197

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER: 200208780-1

IN RE APPLICATION OF: U.S. Patent No. 7,384,113

USPTO CONFIRMATION CODE: 2669

APPLICATION NO.: 10/827,163

FILED: Apr. 19, 2004

EXAMINER: Manish S. Shah

GROUP ART UNIT: 2853

FOR: FLUID EJECTION DEVICE WITH ADDRESS GENERATOR

37 CFR 1.322 & 37 CFR 1.323 REQUEST FOR CERTIFICATE OF CORRECTION

HONORABLE COMMISSIONER OF PATENTS & TRADEMARKS

Sir:

The following is a request for a certificate of correction in Serial Number 10/827,163, now Patent Number 7,384,113.

A certificate of correction under 35 USC 254 is respectfully requested in the above-identified patent.

☐ All errors were the fault of the USPTO, no fee required. In the event that a further fee is required, please charge the amount to Deposit Account No. 082025.

☐ All errors were the fault of the applicant and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

☒ The errors were the fault of both the applicant and USPTO and, accordingly, please charge **\$100.00** to our Deposit Account No. 082025. In the event that a further fee is required, please charge the amount to the same Deposit Account.

The exact locations where the errors appear in the patent and patent application are as follows:

In column 1, line 15, delete “Assigned” and insert - - Assignee - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 2 of 40, line 16)

In column 6, line 21, delete “14” and insert - - 74 - -, therefor.
(Specification filed on Apr. 19, 2004, page 10, line 3)

In column 7, line 19, delete “102a-162n” and insert - - 102a-102n - -, therefor.
(Specification filed on Apr. 19, 2004, page 11, line 21)

In column 9, line 11, delete “tiring” and insert - - firing - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 2 of 40, line 20)

In column 9, line 14, delete “DATA” and insert - - □ DATA - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 3 of 40, line 1)

In column 9, line 18, delete “DATA” and insert - - □ DATA - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 3 of 40, line 3)

In column 11, line 36, delete “□ A2 □ A7” and insert - - □ A2... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 18, line 22)

In column 11, line 49, delete “□ A2 □ A7” and insert - - □ A2... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 19, line 1)

In column 14, line 42, delete “FGi” and insert - - FG1 - -, therefor.
(Specification filed on Apr. 19, 2004, page 23, line 21)

In column 19, line 36, delete “seven” and insert - - six - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 16)

In column 19, line 36, delete “458a” and insert - - 456a - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 16)

In column 19, line 36, delete “458b” and insert - - 456b - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 16)

In column 19, line 37, delete “410g” and insert - - 410f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 17)

In column 19, line 38, delete “458a” and insert - - 456a - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 18)

In column 19, line 39, delete “472b” and insert - - 472a - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 19)

In column 19, line 40, delete “476g” and insert - - 476f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 19)

In column 19, line 41, delete “seven” and insert - - six - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 20)

In column 19, line 41, delete “458b” and insert - - 456b - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 20)

In column 19, line 42, delete “472c” and insert - - 472g - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 21)

In column 19, line 43, delete “476g” and insert - - 476f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 21)

In column 19, line 44, delete “S07” and insert - - SO6 - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 22)

In column 19, line 44, delete “shill” and insert - - shift - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 22)

In column 19, line 44, delete “410g” and insert - - 410f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 22)

In column 19, line 45, delete “seven” and insert - - six - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 22)

In column 19, line 45, delete “458a and 458b” and
insert - - 456a and 456b to conduct - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 23)

In column 19, line 46, delete “440g” and insert - - 440f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 23)

In column 19, line 47, delete “seven” and insert - - six - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 24)

In column 19, line 47, delete “458a” and insert - - 456a - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 25)

In column 19, line 48, delete “cvaluation” and insert - - evaluation - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 25)

In column 19, line 48, delete “440g” and insert - - 440f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 25)

In column 19, line 49, delete “472b” and insert - - 472a - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 26)

In column 19, line 49, delete “seven” and insert - - six - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 26)

In column 19, line 50, delete “458h” and insert - - 456b - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 26)

In column 19, line 50, delete “440g” and insert - - 440f - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 27)

In column 19, line 51, delete “472c” and insert - - 472g - -, therefor.
(Specification filed on Apr. 19, 2004, page 31, line 27)

In column 19, line 56, delete “416g” and insert - - 476g - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 3 of 40, line 12)

In column 19, line 57, delete “six” and insert - - seven - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 3 of 40, line 12)

In column 19, line 60, delete “six” and insert - - seven - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 3 of 40, line 14)

In column 22, line 37, delete “S13” and insert - - SO13 - -, therefor.
(Specification filed on Apr. 19, 2004, page 36, line 12)

In column 23, line 20, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 37, lines 17-18)

In column 24, line 22, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 39, line 3)

In column 24, line 47, delete “448, 470” and insert - - 448,... 470 - -, therefor.
(Specification filed on Apr. 19, 2004, page 39, line 12)

In column 26, line 31, delete “448, 470” and insert - - 448,... 470 - -, therefor.
(Specification filed on Apr. 19, 2004, page 42, lines 24-25)

In column 26, line 35, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 42, lines 27-28)

In column 35, line 6, delete “PRF4” and insert - - PRE4 - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 4 of 40, line 1)

In column 39, line 24, delete “to” and insert - - on - -, therefor.
(Specification filed on Apr. 19, 2004, page 63, line 7)

In column 39, line 42, delete “403a-4631” and insert - - 403a-4031 - -, therefor.

(Specification filed on Apr. 19, 2004, page 63, line 21)

In column 40, line 4, delete “SO1-SO1 2” and insert - - SO1-SO12 - -, therefor.
(Specification filed on Apr. 19, 2004, page 64, line 12)

In column 40, line 7, delete “90I” and insert - - 901 - -, therefor.
(Specification filed on Apr. 19, 2004, page 64, line 15)

In column 43, line 8, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 69, lines 7-8)

In column 43, line 42, delete “□ B2, □ B7” and insert - - □ B2,... □ B7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 70, lines 1-2)

In column 44, line 14, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 70, lines 30-31)

In column 45, line 6, delete “□ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 72, lines 10-11)

In column 45, line 8, delete “ire” and insert - - fire - -, therefor.
(Specification filed on Apr. 19, 2004, page 72, line 12)

In column 45, line 17, delete “SEL1,...SEL2, SEL6” and insert - - SEL1, SEL2,... SEL6 - -, therefor.
(Specification filed on Apr. 19, 2004, page 72, lines 18-19)

In column 45, line 37, delete “SELL” and insert - - SEL1 - -, therefor.
(Specification filed on Apr. 19, 2004, page 73, line 2)

In column 46, line 26, delete “, □ A2, □ A7” and insert - - □ A2,... □ A7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 74, lines 12-13)

In column 48, line 48, delete “SEL2, SEL6” and insert - - SEL2,... SEL6 - -, therefor.
(Specification filed on Apr. 19, 2004, page 78, lines 3-4)

In column 49, line 21, delete “~B2, ~B7” and insert - - ~B2,...~B7 - -, therefor.
(Specification filed on Apr. 19, 2004, page 79, lines 2-3)

In column 50, line 40, delete “SELL” and insert - - SEL1 - -, therefor.
(Specification filed on Apr. 19, 2004, page 81, line 4)

In column 52, line 17, delete “208a,” and insert - - 1208a, - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 7 of 40, line 1)

In column 53, line 55, delete “1308 burning” and insert - - 1308. During - -, therefor.

(Specification filed on Apr. 19, 2004, page 86, line 7)

In column 54, line 41, delete “SELL” and insert - - SEL1 - -, therefor.

(Specification filed on Apr. 19, 2004, page 87, line 14)

In column 54, line 59, delete “131.8” and insert - - 1318 - -, therefor.

(Specification filed on Apr. 19, 2004, page 87, line 29)

In column 58, line 43, delete “Si” and insert - - SI - -, therefor.

(Specification filed on Apr. 19, 2004, page 93, line 29)

In column 58, line 60, delete “AI1~AI3” and insert - - AI1-AI13 - -, therefor.

(Specification filed on Apr. 19, 2004, page 94, line 10)

In column 58, line 66, delete “A12” and insert - - AI2 - -, therefor.

(Specification filed on Apr. 19, 2004, page 94, line 14)

In column 61, line 59, delete “AI1 □ AI13” and insert - - AI1-AI13 - -, therefor.

(Specification filed on Apr. 19, 2004, page 98, line 32)

In column 62, line 23, delete “S” and insert - - SI - -, therefor.

(Specification filed on Apr. 19, 2004, page 99, line 24)

In column 63, line 2, delete “A11” and insert - - AI1 - -, therefor.

(Specification filed on Apr. 19, 2004, page 100, line 27)

In column 65, line 6, delete “D1 □ D8” and insert - - D1-D8 - -, therefor.

(Specification filed on Apr. 19, 2004, page 104, line 5)

In column 68, line 55, delete “710b” and insert - - 1710b - -, therefor.

(Specification filed on Apr. 19, 2004, page 110, line 3)

In column 69, line 2, delete “17022a” and insert - - 1702a - -, therefor.

(Specification filed on Apr. 19, 2004, page 110, line 14)

In column 69, line 44, delete “1 702f” and insert - - 1702f - -, therefor.

(Specification filed on Apr. 19, 2004, page 111, line 13)

In column 69, line 46, delete “1 702c” and insert - - 1702c - -, therefor.

(Specification filed on Apr. 19, 2004, page 111, line 15)

In column 70, line 26, delete “208c” and insert - - 208e - -, therefor.

(Amendment to specification filed on Oct. 02, 2007, page 7 of 40, line 18)

In column 70, line 27, delete “dic” and insert - - die - -, therefor.

(Amendment to specification filed on Oct. 02, 2007, page 7 of 40, line 18)

In column 70, line 28, delete "lincs" and insert - - lines - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 7 of 40, line 18)

In column 70, line 39, delete "linc" and insert - - line - -, therefor
(Amendment to specification filed on Oct. 02, 2007, page 8 of 40, line 3)

In column 70, line 46, delete "□ 7" and insert - - ~D7 to - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 8 of 40, line 7)

In column 70, line 54, delete "208e" and insert - - 208c - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 8 of 40, line 12)

In column 70, line 56, delete "208c" and insert - - 208g - -, therefor.
(Amendment to specification filed on Oct. 02, 2007, page 8 of 40, line 13)

In column 73, line 26, delete "²⁰⁸d" and insert - - 208d - -, therefor.
(Specification filed on Apr. 19, 2004, page 117, line 13)

In column 79, line 50, delete "D1 □ D8" and insert - - D1-D8 - -, therefor.
(Specification filed on Apr. 19, 2004, page 127, line 20)

In column 79, line 57, after "area" insert - - C - -.
(Specification filed on Apr. 19, 2004, page 127, line 25)

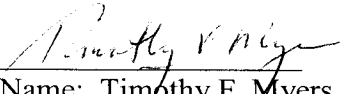
In column 80, line 33, in Claim 1, after "energy" delete " ,".
(Amendment to claims filed on Feb. 27, 2008, page 6 of 27, in Claim 22, line 5)

In column 80, line 59, in Claim 3, after "device" delete " .".
(Amendment to claims filed on Feb. 27, 2008, page 7 of 27, in Claim 24, line 1)

The requested corrections are attached on Form PTO 1050.

Respectfully Submitted

8/25/08
DATE


Name: Timothy F. Myers
Registration No.: 42,919

Attorney/Agent of Record

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 1, line 15, delete "Assigned" and insert - - Assignee - -, therefor.

In column 6, line 21, delete "14" and insert - - 74 - -, therefor.

In column 7, line 19, delete "102a-162n" and insert - - 102a-102n - -, therefor.

In column 9, line 11, delete "tiring" and insert - - firing - -, therefor.

In column 9, line 14, delete "DATA" and insert - - ~DATA - -, therefor.

In column 9, line 18, delete "DATA" and insert - - ~DATA - -, therefor.

In column 11, line 36, delete "~A2 ~A7" and insert - - ~A2... ~A7 - -, therefor.

In column 11, line 49, delete "~A2 ~A7" and insert - - ~A2... ~A7 - -, therefor.

In column 14, line 42, delete "FGi" and insert - - FG1 - -, therefor.

In column 19, line 36, delete "seven" and insert - - six - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 36, delete "458a" and insert - - 456a - -, therefor.

In column 19, line 36, delete "458b" and insert - - 456b - -, therefor.

In column 19, line 37, delete "410g" and insert - - 410f - -, therefor.

In column 19, line 38, delete "458a" and insert - - 456a - -, therefor.

In column 19, line 39, delete "472b" and insert - - 472a - -, therefor.

In column 19, line 40, delete "476g" and insert - - 476f - -, therefor.

In column 19, line 41, delete "seven" and insert - - six - -, therefor.

In column 19, line 41, delete "458b" and insert - - 456b - -, therefor.

In column 19, line 42, delete "472c" and insert - - 472g - -, therefor.

In column 19, line 43, delete "476g" and insert - - 476f - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 44, delete "S07" and insert - - SO6 - -, therefor.

In column 19, line 44, delete "shill" and insert - - shift - -, therefor.

In column 19, line 44, delete "410g" and insert - - 410f - -, therefor.

In column 19, line 45, delete "seven" and insert - - six - -, therefor.

In column 19, line 45, delete "458a and 458b" and insert - - 456a and 456b to conduct - -, therefor.

In column 19, line 46, delete "440g" and insert - - 440f - -, therefor.

In column 19, line 47, delete "seven" and insert - - six - -, therefor.

In column 19, line 47, delete "458a" and insert - - 456a - -, therefor.

In column 19, line 48, delete "cvaluation" and insert - - evaluation - -, therefor.

In column 19, line 48, delete "440g" and insert - - 440f - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 4 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 19, line 49, delete "472b" and insert - - 472a - -, therefor.

In column 19, line 49, delete "seven" and insert - - six - -, therefor.

In column 19, line 50, delete "458h" and insert - - 456b - -, therefor.

In column 19, line 50, delete "440g" and insert - - 440f - -, therefor.

In column 19, line 51, delete "472c" and insert - - 472g - -, therefor.

In column 19, line 56, delete "416g" and insert - - 476g - -, therefor.

In column 19, line 57, delete "six" and insert - - seven - -, therefor.

In column 19, line 60, delete "six" and insert - - seven - -, therefor.

In column 22, line 37, delete "S13" and insert - - SO13 - -, therefor.

In column 23, line 20, delete "~A2, ~A7" and insert - - ~A2,... ~A7 - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 5 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 24, line 22, delete “A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

In column 24, line 47, delete “448, 470” and insert - - 448,... 470 - -, therefor.

In column 26, line 31, delete “448, 470” and insert - - 448,... 470 - -, therefor.

In column 26, line 35, delete “A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

In column 35, line 6, delete “PRF4” and insert - - PRE4 - -, therefor.

In column 39, line 24, delete “to” and insert - - on - -, therefor.

In column 39, line 42, delete “403a-4631” and insert - - 403a-4031 - -, therefor.

In column 40, line 4, delete “SO1-SO1 2” and insert - - SO1-SO12 - -, therefor.

In column 40, line 7, delete “90P” and insert - - 901 - -, therefor.

In column 43, line 8, delete “A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 6 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 43, line 42, delete “~B2, ~B7” and insert - - ~B2,... ~B7 - -, therefor.

In column 44, line 14, delete “~A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

In column 45, line 6, delete “~A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

In column 45, line 8, delete “ire” and insert - - fire - -, therefor.

In column 45, line 17, delete “SEL1,...SEL2, SEL6” and
insert - - SEL1, SEL2,... SEL6 - -, therefor.

In column 45, line 37, delete “SELL” and insert - - SEL1 - -, therefor.

In column 46, line 26, delete “,~A2, ~A7” and insert - - ~A2,... ~A7 - -, therefor.

In column 48, line 48, delete “SEL2, SEL6” and insert - - SEL2,... SEL6 - -, therefor.

In column 49, line 21, delete “~B2, ~B7” and insert - - ~B2,...~B7 - -, therefor.

In column 50, line 40, delete “SELL” and insert - - SEL1 - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 7 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 52, line 17, delete "208a," and insert - - 1208a, - -, therefor.

In column 53, line 55, delete "1308 burning" and insert - - 1308. During - -, therefor.

In column 54, line 41, delete "SELL" and insert - - SEL1 - -, therefor.

In column 54, line 59, delete "131.8" and insert - - 1318 - -, therefor.

In column 58, line 43, delete "Si" and insert - - SI - -, therefor.

In column 58, line 60, delete "AI1~AI3" and insert - - AI1-AI13 - -, therefor.

In column 58, line 66, delete "A12" and insert - - AI2 - -, therefor.

In column 61, line 59, delete "AI1~AI13" and insert - - AI1-AI13 - -, therefor.

In column 62, line 23, delete "S" and insert - - SI - -, therefor.

In column 63, line 2, delete "A11" and insert - - AI1 - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 8 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 65, line 6, delete "D1~D8" and insert - - D1-D8 - -, therefor.

In column 68, line 55, delete "710b" and insert - - 1710b - -, therefor.

In column 69, line 2, delete "17022a" and insert - - 1702a - -, therefor.

In column 69, line 44, delete "1 702f" and insert - - 1702f - -, therefor.

In column 69, line 46, delete "1 702c" and insert - - 1702c - -, therefor.

In column 70, line 26, delete "208c" and insert - - 208e - -, therefor.

In column 70, line 27, delete "dic" and insert - - die - -, therefor.

In column 70, line 28, delete "lincs" and insert - - lines - -, therefor.

In column 70, line 39, delete "linc" and insert - - line - -, therefor

In column 70, line 46, delete "~7" and insert - - ~D7 to - -, therefor.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 9 of 9

PATENT NO : 7,384,113
APPLICATION NO. : 10/827,163
ISSUE DATE : Jun. 10, 2008
INVENTOR(S) : Trudy L. Benjamin, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 70, line 54, delete "208e" and insert - - 208c - -, therefor.

In column 70, line 56, delete "208c" and insert - - 208g - -, therefor.

In column 73, line 26, delete "208d" and insert - - 208d - -, therefor.

In column 79, line 50, delete "D1-D8" and insert - - D1-D8 - -, therefor.

In column 79, line 57, after "area" insert - - C - -.

In column 80, line 33, in Claim 1, after "energy" delete " , " .

In column 80, line 59, in Claim 3, after "device" delete " , " .

MAILING ADDRESS OF SENDER (Please do not use customer number below):

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

This collection of information is required by 37 CFR 1.322, and 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.